

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E83121

Participation : CTR

Employer : City of Tukwila

Status : Affected

Worksite : All locations

Survey Type : Online

Street : 6200 Southcenter Blvd

Response Rate : 83%

Jurisdiction : City of Tukwila

Survey Date : 4/30/2017

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 22.7%

Drive Alone Rate : 77.3%

One-Way VMT per employee : 15.4

Average One-Way distance home to work : 20.7

Employees and Survey Response Information

Reported Total Employees at Worksite : 341

Surveys Distributed : 282

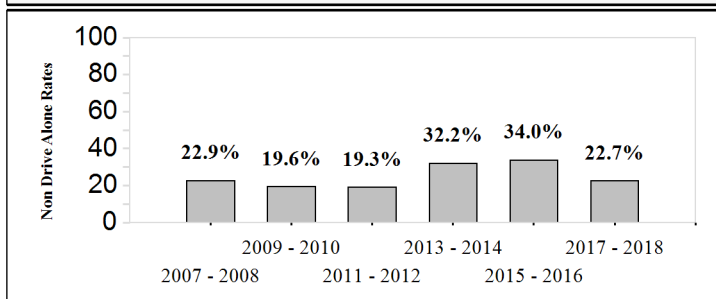
Surveys Returned : 233

Surveys Returned by CTR Affected* Employees : 191

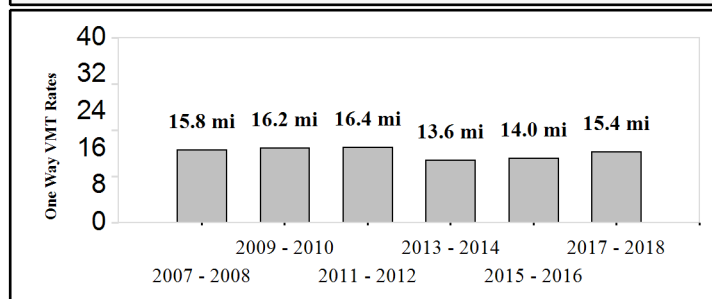
Total Estimated CTR Affected Employees at Worksite : 231

*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO2e Pounds CO2e

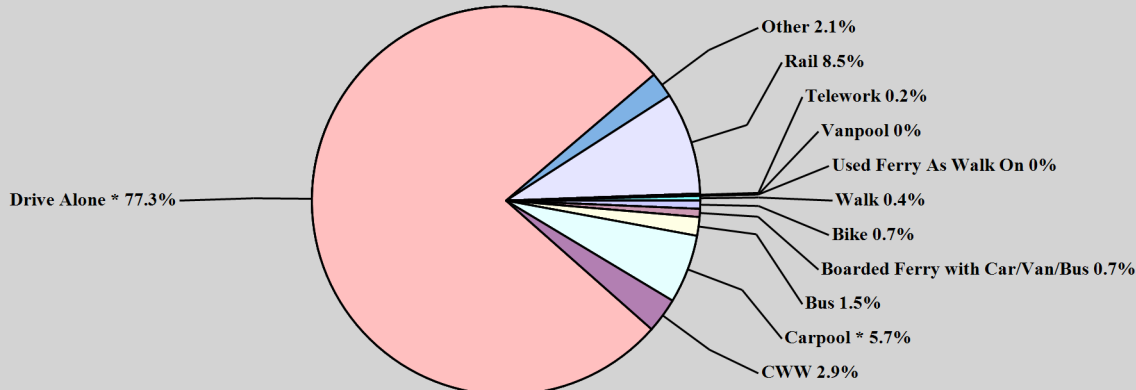
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	22.9%	24.2%	930	984	25.4	15.8	15.3
2009 - 2010	19.6%	20.9%	778	1083	28.0	16.2	15.7
2011 - 2012	19.3%	21.6%	807	1015	26.2	16.4	16.0
2013 - 2014	32.2%	35.3%	877	1009	26.1	13.6	13.3
2015 - 2016	34.0%	35.6%	827	964	24.9	14.0	13.8
2017 - 2018	22.7%	25.1%	706	1033	26.7	15.4	15.1
Target	27.1%				Target:	13.9	
% Point Change Target:	4.2				% Change Target:	-12.0%	
% Point Change from Baseline:	-0.2				% Change from Baseline:	-2.5%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



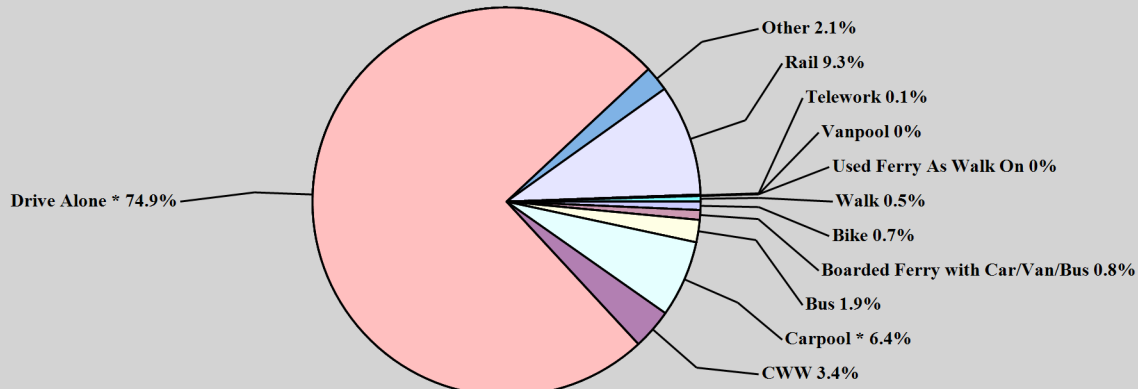
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	798	77.3%	65.9%	199	85.4%	80.7%
Carpool *	59	5.7%	5.3%	29	12.4%	6.7%
Vanpool	0	0.0%	1.4%	0	0.0%	1.8%
Bus	16	1.5%	0.6%	5	2.1%	0.7%
Rail	88	8.5%	9.5%	24	10.3%	10.5%
Bike	7	0.7%	0.6%	4	1.7%	1.1%
Walk	4	0.4%	0.5%	1	0.4%	0.7%
Telework	2	0.2%	0.2%	2	0.9%	0.4%
CWW	30	2.9%	15.5%	24	10.3%	51.6%
Boarded Ferry with Car/Van/Bus	7	0.7%	0.0%	1	0.4%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	22	2.1%	0.5%	10	4.3%	0.4%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	646	74.9%	64.2%	160	83.8%	79.1%
Carpool *	55	6.4%	5.5%	26	13.6%	7.1%
Vanpool	0	0.0%	1.6%	0	0.0%	2.1%
Bus	16	1.9%	0.7%	5	2.6%	0.8%
Rail	80	9.3%	10.8%	21	11.0%	12.1%
Bike	6	0.7%	0.8%	3	1.6%	1.3%
Walk	4	0.5%	0.6%	1	0.5%	0.8%
Telework	1	0.1%	0.0%	1	0.5%	0.0%
CWW	29	3.4%	15.2%	23	12.0%	50.2%
Boarded Ferry with Car/Van/Bus	7	0.8%	0.0%	1	0.5%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	18	2.1%	0.6%	9	4.7%	0.4%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	149	64%	233	100%
1 Days	28	12%	84	36%
2 Days	15	6%	56	24%
3 Days	8	3%	41	18%
4 Days	16	7%	33	14%
5 Days	14	6%	17	7%
6 or More Days	3	1%	3	1%

Count by Occupancy of Carpools and Vanpools

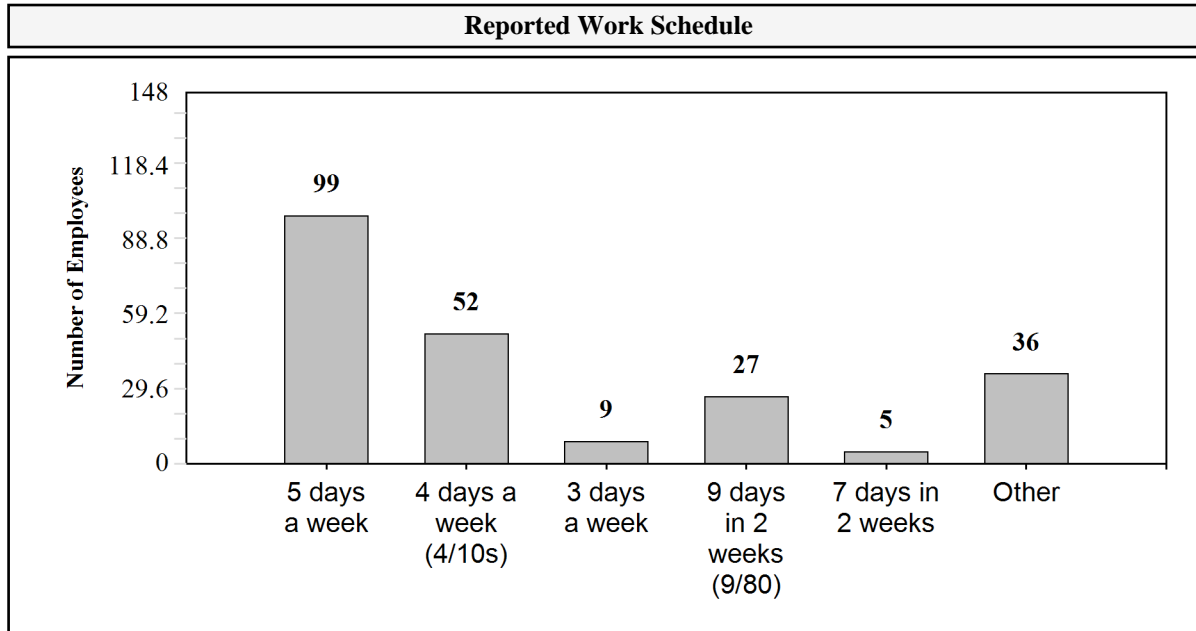
Q.4 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	57
3	Carpool	2
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	0
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

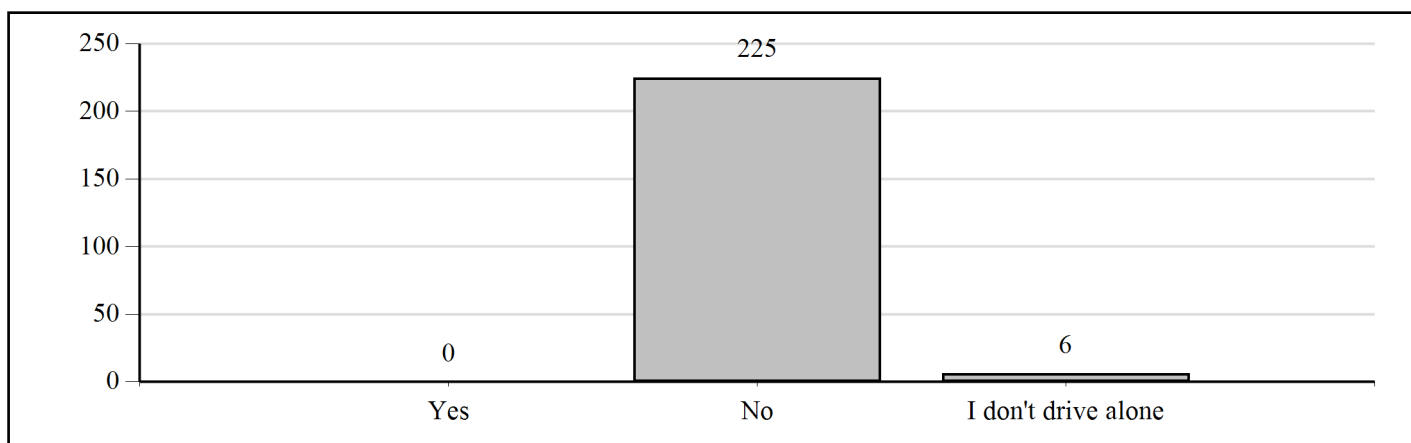
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	99	43.4%
4 days a week (4/10s)	52	22.8%
3 days a week	9	3.9%
9 days in 2 weeks (9/80)	27	11.8%
7 days in 2 weeks	5	2.2%
Other	36	15.8%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	0	0.0%
I don't telework	218	93.6%
Occasionally, on an as-needed basis	11	4.7%
1-2 days/month	3	1.3%
1 day/week	0	0.0%
2 days/week	0	0.0%
3 days/week	1	0.4%

Reasons for driving alone to work/not driving alone to work
Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Financial incentives for carpooling, bicycling or walking.	75	18.8%
To save money	62	15.6%
Other	53	13.3%
Free or subsidized bus, train, vanpool pass or fare benefit	52	13.1%
Personal health or well-being	40	10.1%
To save time using the HOV lane	37	9.3%
Environmental and community benefits	36	9.0%
Emergency ride home is provided	17	4.3%
Driving myself is not an option	13	3.3%
I have the option of teleworking	7	1.8%
Cost of parking or lack of parking	4	1.0%
I receive a financial incentive for giving up my parking space	1	0.3%
Preferred/reserved carpool/vanpool parking is provided	1	0.3%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	139	25.9%
Riding the bus or train is inconvenient or takes too long	136	25.3%
Family care or similar obligations	80	14.9%
Other	63	11.7%
My commute distance is too short	50	9.3%
My job requires me to use my car for work	36	6.7%
Bicycling or walking isn't safe	27	5.0%
I need more information on alternative modes	6	1.1%
There isn't any secure or covered bicycle parking	0	0.0%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98038	13	5.58%	61	1	0	0	0	0	0	0	0	3	0	0	0
98168	11	4.72%	44	0	0	0	0	4	0	4	0	1	0	0	4
98092	10	4.29%	19	5	0	0	0	5	2	0	0	7	0	0	1
98188	9	3.86%	38	0	0	0	0	0	1	0	0	1	0	0	0
98391	9	3.86%	25	0	0	0	0	13	0	0	0	1	0	0	0
98059	8	3.43%	34	3	0	0	0	0	0	0	0	0	0	0	0
98001	7	3.00%	29	4	0	0	0	0	0	0	0	1	0	0	0
98023	7	3.00%	27	5	0	0	0	0	0	0	0	2	0	0	0
98042	7	3.00%	26	0	0	4	0	0	0	0	0	0	0	0	4
98058	7	3.00%	29	1	0	0	0	0	3	0	0	2	0	0	0
98166	6	2.58%	24	1	0	0	0	0	0	0	0	1	0	0	1
98374	6	2.58%	21	0	0	0	0	5	0	0	0	0	0	0	0
98003	5	2.15%	18	4	0	0	0	0	0	0	0	1	0	0	0
98198	5	2.15%	23	0	0	0	0	0	0	0	0	0	0	0	0
98032	4	1.72%	8	3	0	4	5	0	0	0	0	0	0	0	0
98056	4	1.72%	17	2	0	0	0	0	0	0	0	0	0	0	0
98118	4	1.72%	12	0	0	0	0	5	1	0	0	0	0	0	0
98148	4	1.72%	19	2	0	0	0	0	0	0	0	0	0	0	0
98422	4	1.72%	5	1	0	0	0	0	0	0	0	0	0	0	0
	3	1.29%	11	0	0	0	0	0	0	0	0	0	0	0	0
98006	3	1.29%	10	5	0	0	0	0	0	0	0	0	0	0	0
98055	3	1.29%	14	0	0	0	0	0	0	0	0	0	0	0	0
98178	3	1.29%	10	0	0	0	0	0	0	0	0	3	0	0	0
98321	3	1.29%	6	4	0	0	0	0	0	0	0	0	0	0	0
98375	3	1.29%	6	0	0	0	0	7	0	0	0	0	0	0	0
98022	2	0.86%	7	0	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98026	2	0.86%	3	0	0	0	0	0	0	0	0	0	0	0	4
98030	2	0.86%	4	3	0	0	0	0	0	0	0	1	0	0	0
98031	2	0.86%	8	0	0	0	0	0	0	0	0	0	0	0	0
98051	2	0.86%	10	0	0	0	0	0	0	0	0	0	0	0	0
98052	2	0.86%	10	0	0	0	0	0	0	0	0	0	0	0	0
98103	2	0.86%	2	1	0	0	3	0	0	0	1	0	0	0	2
98106	2	0.86%	5	4	0	0	0	0	0	0	0	0	0	0	0
98107	2	0.86%	6	0	0	0	2	0	0	0	0	0	0	0	0
98117	2	0.86%	7	0	0	0	0	0	0	0	0	0	0	0	1
98335	2	0.86%	7	0	0	0	0	0	0	0	0	0	0	0	0
98371	2	0.86%	5	0	0	0	0	4	0	0	0	0	0	0	0
98372	2	0.86%	10	0	0	0	0	0	0	0	0	0	0	0	0
98387	2	0.86%	4	0	0	0	0	6	0	0	0	0	0	0	0
98390	2	0.86%	5	0	0	0	0	3	0	0	0	1	0	0	0
98406	2	0.86%	2	0	0	0	0	7	0	0	0	0	0	0	0
98466	2	0.86%	5	0	0	0	0	2	0	0	0	0	0	0	0
98503	2	0.86%	10	0	0	0	0	0	0	0	0	0	0	0	0
94554	1	0.43%	0	0	0	0	0	5	0	0	0	0	0	0	0
97702	1	0.43%	2	0	0	0	0	0	0	0	0	0	0	0	0
98002	1	0.43%	0	0	0	0	0	5	0	0	0	0	0	0	0
98012	1	0.43%	4	0	0	0	0	0	0	0	0	0	0	0	0
98020	1	0.43%	0	0	0	0	0	0	0	0	0	0	0	0	1
98033	1	0.43%	2	0	0	0	0	0	0	0	0	0	0	0	0
98034	1	0.43%	2	0	0	0	0	0	0	0	0	0	0	0	0
98040	1	0.43%	5	2	0	0	0	0	0	0	0	0	0	0	0
98053	1	0.43%	6	0	0	0	0	0	0	0	0	0	0	0	0
98070	1	0.43%	0	0	0	0	0	0	0	0	0	0	7	0	0
98074	1	0.43%	7	0	0	0	0	0	0	0	0	0	0	0	0
98101	1	0.43%	0	0	0	0	5	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98108	1	0.43%	2	0	0	0	0	0	0	0	0	0	0	0	0
98115	1	0.43%	7	0	0	0	0	0	0	0	0	0	0	0	0
98116	1	0.43%	2	0	0	0	0	0	0	0	0	0	0	0	0
98122	1	0.43%	5	0	0	0	0	0	0	0	0	0	0	0	0
98126	1	0.43%	5	0	0	0	0	0	0	0	0	0	0	0	0
98133	1	0.43%	1	0	0	0	0	0	0	0	0	0	0	0	0
98135	1	0.43%	1	0	0	0	1	0	0	0	0	0	0	0	0
98146	1	0.43%	3	1	0	0	0	0	0	0	0	1	0	0	0
98177	1	0.43%	4	0	0	0	0	0	0	0	0	0	0	0	0
98199	1	0.43%	5	0	0	0	0	0	0	0	0	0	0	0	0
98203	1	0.43%	4	0	0	0	0	0	0	0	1	0	0	0	0
98272	1	0.43%	0	0	0	0	0	0	0	0	0	0	0	0	4
98290	1	0.43%	3	0	0	0	0	0	0	0	0	0	0	0	0
98294	1	0.43%	1	0	0	0	0	0	0	0	0	0	0	0	0
98296	1	0.43%	4	0	0	0	0	0	0	0	0	0	0	0	0
98323	1	0.43%	0	0	0	0	0	3	0	0	0	0	0	0	0
98327	1	0.43%	4	0	0	0	0	0	0	0	0	0	0	0	0
98328	1	0.43%	0	0	0	4	0	0	0	0	0	0	0	0	0
98333	1	0.43%	7	0	0	0	0	0	0	0	0	0	0	0	0
98360	1	0.43%	1	3	0	0	0	0	0	0	0	1	0	0	0
98373	1	0.43%	0	0	0	0	0	4	0	0	0	1	0	0	0
98388	1	0.43%	1	1	0	0	0	2	0	0	0	1	0	0	0
98403	1	0.43%	4	0	0	0	0	0	0	0	0	0	0	0	0
98404	1	0.43%	5	0	0	0	0	0	0	0	0	0	0	0	0
98407	1	0.43%	2	0	0	0	0	0	0	0	0	0	0	0	0
98418	1	0.43%	4	1	0	0	0	0	0	0	0	0	0	0	0
98467	1	0.43%	3	2	0	0	0	0	0	0	0	0	0	0	0
98499	1	0.43%	5	0	0	0	0	0	0	0	0	0	0	0	0
98501	1	0.43%	7	0	0	0	0	0	0	0	0	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98502	1	0.43%	0	0	0	0	0	4	0	0	0	0	0	0	0
98512	1	0.43%	7	0	0	0	0	0	0	0	0	0	0	0	0
98513	1	0.43%	5	0	0	0	0	0	0	0	0	0	0	0	0
98516	1	0.43%	4	0	0	0	0	0	0	0	0	1	0	0	0
98541	1	0.43%	4	0	0	0	0	0	0	0	0	0	0	0	0
98580	1	0.43%	0	0	0	0	0	4	0	0	0	0	0	0	0
98584	1	0.43%	2	0	0	0	0	0	0	0	0	0	0	0	0
98638	1	0.43%	0	0	0	0	0	0	0	0	0	0	0	0	0